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USER INFORMATION OVER A NETWORK****Publication Classification**(51) **Int. Cl.****G06Q 30/02** (2006.01)**G06F 16/28** (2006.01)**G06Q 10/08** (2006.01)**G06Q 20/20** (2006.01)**G06Q 30/00** (2006.01)**G06Q 30/06** (2006.01)(52) **U.S. Cl.****CPC** ..... **G06Q 30/0255** (2013.01); **G06F 16/284**(2019.01); **G06Q 10/087** (2013.01); **G06Q****20/203** (2013.01); **G06Q 30/00** (2013.01);**G06Q 30/02** (2013.01); **G06Q 30/0641**(2013.01); **G06Q 30/0281** (2013.01); **G06Q****30/0601** (2013.01); **G06Q 30/0603** (2013.01);**G06Q 30/0621** (2013.01); **G06Q 30/0631**(2013.01); **G06Q 30/0633** (2013.01); **G06Q****30/0204** (2013.01)(71) Applicant: **Mercatus Technologies Inc.**, Toronto  
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(57)

**ABSTRACT**

Systems, methods, and computer-readable mediums, consistent with principles of some embodiments of the present invention provide for applying a user interface to an electronic device including storing information relating to a user of an electronic device, wherein the stored information includes user information data and user history data, storing a template user interface, modifying the user interface based on the stored user information and the user history data, and applying the modified user interface to the electronic device, wherein the user interface enables a user to instruct the electronic device to perform operations within a shopping establishment.

